

cited reference /

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(71)Applicant : THORN EMI PLC

(22)Date of filing : 06.10.1989

(72)Inventor : SHANKS IAN A

(30)Priority

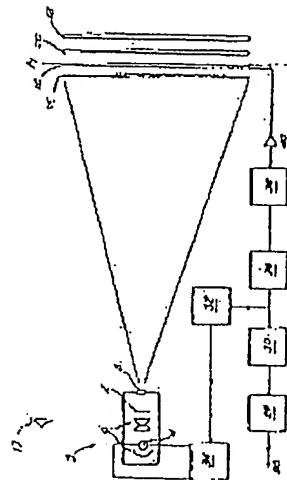
Priority number : 88 8823490 Priority date : 06.10.1988 Priority country : GB

(54) METHOD FOR PROJECTING OPTICAL PATTERN AND DEVICE THEREFOR

(57)Abstract:

PURPOSE: To project a second-dimensionally or three-dimensionally modulated light pattern by operating a plurality of optical modulating means between first and second modes, distributing a light from a decided area by each modulating means in the first mode, and reducing the action of a light made incident on a decided surface or both areas in the second mode.

CONSTITUTION: When a modulating means 10 is operated in a first mode, a flash video is directed to the eyes of a viewer to the maximum, a surrounding light is reduced during the period of the flash, and contrast between a projected signal and a scattered surrounding light from a first light source is improved. Also, a power is supplied to a lamp 4 by a source 26, pulse generator 30, and flash lamp driving electric device 34. When a power for flashing the lamp 4 by pulse delay units 32 and 36 of a power supplying circuit is applied, the first mode of the modulation means 10 is switched to a second mode in which the power is not supplied to the lamp 4, scanning from one light source can be obtained, and a second-dimensionally or three-dimensionally modulated light pattern can be projected.



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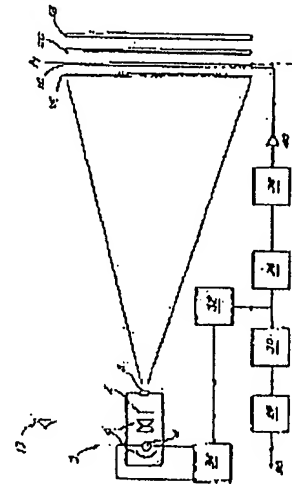
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